-80 AGAAGTGATGCCACTTGGTTAAGGTCCCAGAGCAGGTCAGAATCAGACCTAGGATCA -79 GAAACCTGGCTCCTGGCTCCTGGCTCCCTACTTCTAAGGATCGCTGTCCTGACAGAAGAAACTCCTCTTTCCTAAA

CCG CCG CTA AAG
P L K AAC N CTG CAG ACT L Q T gCGည ဗ CCT TCT GAC D AAG ATG (AAA K AGT TCG GAG E ATG M

120 TAC AAG GGT gg B Ö CAA GAA CCT GTC > TTT GTT CCA ACG ۲ 999 Ö GCT K AGT CGC GAC ACT CAC

CTG CAC $\mathbf{T}GC$ TGT GAG AAG TAC AAG AAG GAC GAG GTG ACC AAG GTG TTT F AAG K GAA E 121

180 09 TGC ATG GAG AGC ы TCC TGC บ × CCC CAC 999 Ω GAG TGT > ACC CAG AAG > CCG P AGC S AGC C 181

240 80 300 GCG GCC CTG GTT AAA GAT AAG GTG V K D K V TGT CAA GAG AGC ATC E Ø υ ы S gag Ξ ACA O \mathtt{TGT} υ υ CCA AAA ы AGT Ø Ø TCA × Ø TCT ഗ AGC CTGH 61 241 81

360 120 gyy e AAT N 000 K GAA ATT CTG GCT CTT CAG ATC TAT TGT ø TGC AAG AGA $_{\rm IGC}$ υ AAT z GATΩ AAG TTT ſz, 301 101

420 140 GAT AAT TTA AAA CAT CTG GTG CTG CAT GGA GAG CAG TTA ACG CTG SCA SCA TGT GGT AGA AGC Ŋ 361 121

480 160 AAA K AGG TIG GIC AAG GAA E AAA TGC GAC CGT R GTG V $_{
m TGT}$ CCA P CILGAA E GAA E TTT F CAT $_{\rm TGC}$ υ 421 141

540 180 7 2 2 2 3 CAC AGC TGC ACA ggg GAA EЭ TAC CGG ĸ AAA $_{
m LGT}$ GCG AAG GAG E GTGCAC GAC D CGA R cTG L GAC 481

600 GTG V TGC CCC GAC ACC CAG AAA CAC GAA GAC M × ø SCG CTG ч ATG ATC CCC GTT CAG AGT Ŋ 541 AAG × 181

FIG. IA

1080 360 1020 340 1140 380 1200 400 720 240 780 260 840 280 900 300 960 320 N AAC GAG E AAC N **&** 0 AGC GAG E GTG ACC GAG CTG GAG V T E L E GAG TCC CAG CTG E S Q L TAC Y GAC ATG GAC CTG CGC D M D L R AAG K X X X GAG AGA E R GAC TGG ¥ GAC D GAA GTG ATA O GGG AAC CTG CTG N L L AAC CTG GAG ACC GCC AGC TAC AAT GGA GTG CTC ATC TGG AAG ATT CGC GAG CGG CAG 1 GTA V ATT I GAA AGT E S AGC gaa E CGA R CTGч CAG ACT CTC CTG AGG GTG CAG CAC GTC V Q H V GAA ATT E I TCC TTC S CAG O CAG AAC CGC CTA GCC (L A 1 CGG AAC ACA GGC CTG ĸ 'n TTG TTG CAG AAT L L Q N TTA L 1 ტ TTT F CAT H CGG R ည္သည TGT AGC GAG ATC C CTC GAC ATC O CTT TCC AAA ATC C පුදුර TCC GTC V CAA AGT TTG CAC AAT CAG ATA Q S L H N Q I GTG GAG TCC TCC S AAG K GTG GCT V CAG ATG CTG AGT GTG CAC Q M L S V H တ GCC AGC
A AAG TGC AGC K C S AAG AAG GTT K K V GAC GGG CAA GAA E AGC S CTT GAG AAT N GAG E AGC S CAC H CAC H GAA AAT AAG K AAG K gcg **A** 臼 CCT TCG CTC S GCC A CGA R CTG L ATG M AGC S TGC C AAG K CIT AAA K AAG K AGC S GAC D TCC ATA I ATC I aa'c n 841 AAG GAA ATG 281 K E M GAG E GAC GAC CAT H TTC CAG GTC F Q V AGC 1 781 AAG AGC 1 261 K S ; GCA A GTG V GCA A CGG R 661 CAG 221 Q 721 TGG / 241 W CAA O GAA E AGC S AGC S 601 GTG 201 V 1081 901 301 961 321 1021 341

FIG. 18

1260 420	1320 440	<u>1</u> 380 460	1440 480	1500 500	1560 520	1620 540	1696 543	1775 1854 1933 2012 2091
TTC	ATG M	CTG	TTT AAG CAG AAA GTG ACA CTC ATG CTG ATG GAT CAG GGG TCC TCT CGA 144	ACT	AAT	CTG	GIC	GAG ACA TGC AGC
CCT	იცი ი	9 8	TCT	ದ್ದರ್ಧ	GAA E	GAT D	GTCT	GCGG TTCA TATA GGAT
cAG Q	GAC	GAT D	TCC	AAG K	CTA	TCG	ACCG	GCCG ATCC AACA GTGG
AGC	999 8	TAT Y	ලලල ල	AAG K	GTT V	ACT	TTGA	GCGT'ATTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
TAC Y	AAC N	GAA E	cag o	TTC	ACT T	GAT D	GGAT	GGAC AATT AGGT ACAC,
CTT	CTG L	GGA G	GAT D	AGC	CAA O	GTG V	TGATAAGTAGCTGGGAGGTGGATTTAGCAGAAGGCAACTCCTCTGGGGGGATTTGAACCGGTCTGTC	AGGC GAAG ATTA ACAC
TCC	TAC Y	CGT R	ATG M	AGC	gcc A	ATA I	CCIC	TTCACTGAGGTCCTCGCGCTCAGAAAGGACCTTGTGAGACGGAGGAAGCGGCAGAAGGCGGACGCGTGCCGGCGGGGAGGAGAGACTTGATCTTCAACAGAGCCCACGCGCGGGAGGAGCCCACGCGCGCG
CTG L	GTC	ATG M	CTG L	AGC S	GTG V	GTC V	AACT	
ACC	AGG R	ATC I	ATG M	AAC N	TTT F	AAA K	AGGC	
AAG K	GCC	GTC V	CTC	CCC	GTC V	ATT I	CAGA	CGGA AGCC TTTA ACCA ATAG
999 9	TGT	TTT F	ACA	GAC D	CCA P	TTT F	TTAG	GAGA GACT CATT GAAC TGAA
ATG M	ATG M	TTT F	GTG V	CCC	TGC	ATT I	GGAT	TTGT AATA TTTT ACTT
GTC V	AAG K	CTG L	AAA K	AAG K	9 9	ACA	AGGT	GACC TTAT TTAA TTAA
800 \$	TAT Y	TCG	CAG Q	TTC	TCT	GAT	9999	AAAG CGTT GGTT TTCC
GAG E	0 0	TTG L	AAG K	GCA A	GCC	GAT D	AGCT	CAGA GACA AGAA TTTC
CAG	TTT	CAC	$ ext{TTT}$	GAT O	ATC	AAA (AAGT	CGCT ACCT TCAG GATT
AAG K	GGT TAC '	GGG ACG G	CCG P	GGA G	AAT N	ATT I	TGAT	CTCG AGAC SCTG ACAT
CGG R	GGT G	ე ენ ე	TGG ₩	TTG L	ATG M	TAT	CCC	GGTCC CGTGA TATTG AGAAA TCAGC
CGG R	ACT T	AAG K	CCT	CAT H	GAG	ACA	GAT	CTGA CACG CACA CAAA CATG
AAG K	TAC Y	ტ ტ ტ	CIT	CGT R	GGA	9999	CCC	TTCACTGAGG GAGCCACGG AGCATAAATA TAAACAAAAG TGGACATGTC GAGTGCAATT
401	261	321	381	441	501 (561 (521 (621 (541 1	697 776 0 855 7 934 7 013 7

FIG. 10

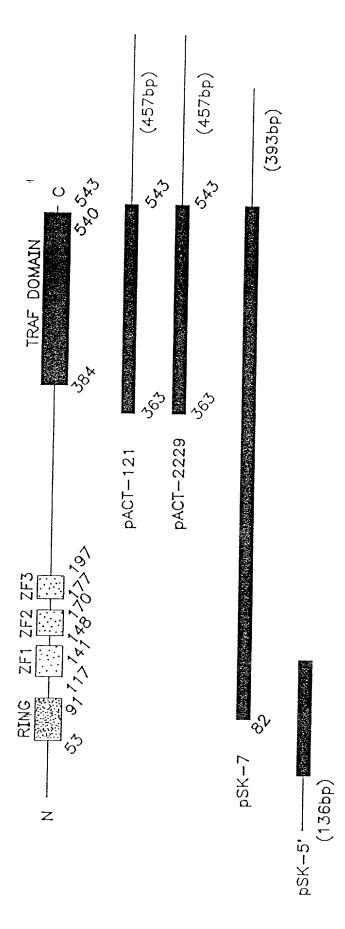
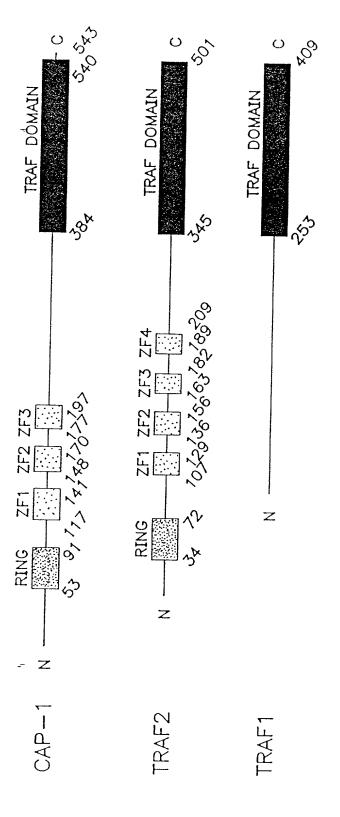


FIG. 2



FIG, 3

